Nutrition Tiers Monde adhère au Code éthique de l’AERF
Vous avez un droit à l’information.
Ceci implique que les donateurs, collaborateurs et employés sont informés au moins annuellement de l’utilisation des fonds récoltés.

Voeding Derde Wereld onderschrijft de Ethische Code van de VEF.
U beschikt over een recht op informatie.
Dit houdt in dat schenkers, medewerkers en personeelsleden tenminste jaarlijks op de hoogte gebracht worden van wat met de verworven fondsen gedaan werd.

Nutrition Third World subscribes to the Ethical Fundraising Code of AERF (The Association for Ethical Fund-Raising).
You are entitled to information.
This entails that donors, collaborators and staff are informed at least annually of the use of the funds received.
Table of Contents

Summary – Highlights ................................................. 2

Overview .......................................................... 3

Finance ............................................................. 6

Annex 1 Simplified annual accounts ......................... 7
Annex 2 Board of Directors ...................................... 8
Annex 3 Advisory Board .......................................... 9
Annex 4 Scientific Committee and External Referees .... 10
Annex 5 Abbreviations ............................................ 12
Annex 6 List of NTW-funded research papers published in international peer reviewed journals in 2016 13
Highlights

At the meeting, held in April 2017, the members of the board decided to continue on financing about three projects for the years to come, if funds allow. In any case the decision was taken to consider one project for financing for the next period. One project studying the effect of a probiotic on recovery of malnutrition will be funded for one year so that the project can be completed successfully.

The results of NTW supported scientific studies continue to give rise to a large crop of publications in high-quality international scientific journals and to underpin policy decisions. This is mainly due to the high-quality research performed and their relevance. These studies are now part of larger international initiatives to do meta-analyses often with individual patient data.

The researchers who conducted the MISAME Study in Burkina Faso from 2012 onwards, a project funded by NTM, have now received a large grant from the Bill & Melinda Gates Foundation to continue their research. This is actually the result of the initial funding by NTM.
OVERVIEW

Introduction

All projects were closed and accounted for by the end of 2016. Revenues are dwindling and new funding opportunities have not been identified or have not revealed themselves. At the meeting of April 2017, the board decided to continue on financing projects. With the money NTM has left, we can finance about three more projects.

Expenses have been reduced to the maximum, so that we have minimal cost structure. We did have to source out the bookkeeping, which was previously done by the hosting bank Degroof, now Degroof-Petercam, which is an extra cost.

The management structure of NTW remains entirely on a voluntary basis. The only costs of the organisation are related to maintenance of the website, and miscellaneous costs mainly related to administering the registration of the organisation. There are no employment costs, neither are there fund-raising costs.

One project was identified for funding and the members of the board approved the protocol. A grant of 25.000,00 Euros will be given to Dr Laeticia Celine TOE, a medical doctor from Burkina Faso.

Support for research

Nutrition, Prebiotics and gut health in rural Burkinabe infants.

Laeticia Celine TOE

Child undernutrition has been shown to be associated with a shift in gut microbiota composition, also called dysbiosis (McKay et al. 2010; Monira et al. 2011) and gut microbiota is now considered a pivotal point in the vicious circle of malnutrition-malabsorption-infection. This led to the concept of more inclusive nutritional interventions taking into account the gut health to insure better and sustainable results in the cure and prevention of malnutrition.

The present research comprises 3 work packages that aim to: (i) assess the effect of local complementary food and prebiotics on the composition and metabolic functionality of gut microbiota in Burkinabe infants in vitro; (ii) assess the effect of a fortified LNS with a mixture of FOS (fructose Oligo Saccharides) and inulin supplementation on gut microbiota diversity and functionality and its repercussion on growth and morbidity during infancy in rural Burkina Faso and (iii) screen, extract and purify Inulin and FOS from local food items in Burkina Faso with the goal of finding a local source of prebiotic compounds.
These 3 work packages are organized as follow:

- **Work package 1** comprises 2 in vitro experiment:
  - Experiment 1 is a static batch experiment on the effect of local complementary food on gut microbiota metabolic functionality in rural Burkinabe infants with the purpose of comparing the metabolic profile of gut microbiota of Burkinabe infants submitted to local complementary food versus breast milk and Inulin.
  - Experiment 2 aims to assess the effect of prebiotic fortified LNS on gut microbiota composition and SCFA profile in moderate acute undernourished children using a dynamic gut model.

- **Work package 2** is a clinical trial on the effect of supplementation with LNS fortified with a mixture of FOS and inulin on gut microbiota diversity and functionality and its repercussion on growth and morbidity during infancy in rural Burkina Faso. The objective of this work package is to improve child microbiota range-weighted richness and metabolic functionality, growth velocity and cumulative disease load through LNS-prebiotic supplementation.

- **Work package 3** consists of Inulin extraction from local Burkinabe food items and plants, while testing a simple method of extraction and purification of fructans from the most promising candidate items.

**Financing the Association**

No specific fund-raising activities were organised in 2017. One project was financed in 2017, in two instalments. One in May/June 2017 and a second one in March 2018.

We received in total 1,000,00 € in donations.

NTW has continued to be affiliated with the Association for Ethical Fundraising (AERF) and all communications from the organisation carry the logo of AERF with the latter’s approval.

**Tax exemption**

The organisation can continue to deliver tax exemption certificates for donations. The approval from the Ministry of Finance covers the period 2013 to 2018.

**Governance and Administration**

*The Board of Directors*

The new composition of the board of directors is given in Annex 3.
The Board met once at the Bank Degroof-Petercam in Brussels, on the 19\textsuperscript{th} of May 2017.

The \textit{Advisory Board} remained unchanged in 2017 and its composition is given in Annex 4.

The \textit{Scientific Committee} remained unchanged 2017. Its composition (as of 31/12/2017) is given in Annex 5.

\textit{Management}

The \textit{General Assembly} of NTW was held on June 25\textsuperscript{th}, 2017.

\textit{Promotion and communication}

The website has remained unchanged.
FINANCE

General

The Association’s accounts are now kept by Mr. Jean-François Steurs.

PricewaterhouseCoopers Réviseurs d’Entreprises, represented by Mr. Damien Walgrave are the auditors of the Association. The Board would like to express its gratitude to PWC and their auditors for the excellent work delivered over the past years.

Tax relief certificates were sent to donors at the beginning of the year and financial reporting followed the format decided on in previous years.

Financial report

Project costs: Burkina Faso: One transfer of 12.500,00 euros was made in September 2017. With the bank transfer costs, this amounts 12.566,55 euros. For this, stock with a value of 5816,04 € were sold.

Donations. In 2017 the Association received an aggregate amount of 1.000,00 €.

Reimbursement. The “Evident” project was closed in 2016, but the final transfer of budget surplus not spent was only reimbursed on April 2017. This transfer amounts to 11.104,95 €.

Financial charges 129,23 € were booked at 31 December 2016.

Cost of services amount to 4600,42 € and include the cost of the audit and the bookkeeping.

NTM spent 1438,93 € on miscellaneous expenses covering, the domain name, the website, the registration costs and the contribution to Ethical fundraising.
Nutrition Third World

Annual Report 2017

Annex 1: Summary Annual Accounts

The annual accounts in their full legal format and the external auditor’s report (PricewaterhouseCoopers) may be obtained on request at the following address: info@nutrition-ntw.org.

A summarised version is presented below. The auditor has issued an unqualified opinion.

**Balance sheet as at 31.12.2017**

<table>
<thead>
<tr>
<th>Assets (KEUR)</th>
<th>Liabilities (KEUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed assets</td>
<td>Association’s funds 43,6</td>
</tr>
<tr>
<td>Current assets</td>
<td>Earmarked funds 30,2</td>
</tr>
<tr>
<td>Debtors (less than one year)</td>
<td>Equity allocated to ongoing project 22,7</td>
</tr>
<tr>
<td>Short term investments</td>
<td>Result carried forward 11,7</td>
</tr>
<tr>
<td>Cash at banks</td>
<td>Total own funds 108,2</td>
</tr>
<tr>
<td>Charges to be deferred</td>
<td>Accrued charges 0,2</td>
</tr>
<tr>
<td>Total current assets</td>
<td>Short term debts 3,5</td>
</tr>
<tr>
<td></td>
<td>Total current liabilities 3,7</td>
</tr>
</tbody>
</table>

Total 111,9

<table>
<thead>
<tr>
<th>Debit (KEUR)</th>
<th>Credit (KEUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project related costs</td>
<td>Donations received 1,0</td>
</tr>
<tr>
<td>Publication, admin, IT</td>
<td>Revenues 1,0</td>
</tr>
<tr>
<td>Cost of goods &amp; services</td>
<td>Financial gains 1,7</td>
</tr>
<tr>
<td>Other charges</td>
<td>Other income 1,7</td>
</tr>
<tr>
<td>Financial charges</td>
<td>Negative result for the period 5,1</td>
</tr>
<tr>
<td>Other expenses</td>
<td>Total revenues 7,8</td>
</tr>
<tr>
<td>Total charges</td>
<td></td>
</tr>
</tbody>
</table>

Total 7,8
Nutrition Third World
Annual Report 2017
Annex 2: Board of Directors

Mr. Alain Philippson (Chairman)
Member of the Board of Directors, Bank Degroof-Petercam

Dr. Patrick Kolsteren (Managing Director)
MD, Professor of Nutrition at Ghent University.

Mrs. Corine du Bois (Director)
Psychologue

Dr. Denis Goldschmidt (Director)
MD, Surgeon

Dr. Isaline Greindl (Director)
MD, Public Health Specialist, Technical Adviser in charge of the AEDES programmes

Dr. Carl Lachat (Director)
Post-doctoral researcher, Food Science and nutrition, Ghent University

Mr. François Masquelin (Director)
Barrister

----------------------------------

Mr. Léo Goldschmidt (Honorary Chairman)
Director, European Corporate Governance Institute

Mr. René Devillez (Honorary Director)
Doctor of Laws
Bank Manager, retired
Annex 3: Advisory Board

Karel Boone
Chairman and Managing Director, Lotus Bakeries N.V.

Alain Bruyninckx
Director of companies

Pierre de Maret
Former Rector, ULB, Brussels University

Georges Jacobs
Chairman of the Board of Directors, Group Delhaize

Michel Lechat
Professor Emeritus, UCL, Catholic University of Louvain

Paul Trân Van Tinh
Former Ambassador of the European Union

Marc Van Montagu
Professor Emeritus, Ghent University

Eric Wittouck
Chairman, ARTAL Group S.A.
Scientific Committee

Bernard Brabin
Professor of Tropical Paediatrics, Child and Reproductive Health Group, Liverpool School of Tropical Medicine
Liverpool

Bart Criel
MD, senior lecturer, Health Policy and Financing Unit, Public Health Department at the Institute of Tropical Medicine in Antwerp
Antwerp

Lena Davidsson
PhD, Head Nutrition and Health-related Environmental Studies Sector. IAEA (International Atomic Energy Agency).
Vienna

André Huyghebaert
PhD, former Head of the Department of Food Technology and Nutrition, former Dean of the Faculty of Agriculture, University of Ghent.
Ghent

Martin Kimanya
PhD, Master in Food Science and Technology.
The Nelson Mandela African Institute of Science and Technology (NM-AIST)
Arusha, Tanzania

Pierre Lefèvre
PhD, sociologist, scientific collaborator, Epidemiology and Disease Control Unit, Department of Public Health, Institute of Tropical Medicine.
Antwerp

Richard Longhurst
PhD in Economics, consulting expert with the World Health Organisation, UNICEF and FAO, formerly senior civil servant of the Commonwealth, now evaluation consultant.
London

Dr. Peter Mamiro
PhD, Food Scientist and Nutritionist, Researcher in the Department of Food Science and Nutrition, Sokoine University of Agriculture, Morogoro, Tanzania.
Morogoro

Ruth Oniang’o
PhD, nutritionist, Professor at the Jomo Kenyatta University of Agriculture and Technology, Editor-in-Chief of the African Journal of Food, Agriculture, Nutrition and Development (AJFAND), Member of the Kenyan Parliament.

*Nairobi*

**Leonor Pacheco Santos**
PhD, nutritionist, formerly Professor at the Federal University of Bahia, Member of IVACG (International Vitamin A Consultative Group), now with the Federal Ministry of Social Development and Fight against Hunger.

*Brasilia*

**Wim Van Lerberghe**
MD, PhD, Professor and formerly Head of the Department of Public Health, Institute of Tropical Medicine, Antwerp; coordinator, Health Systems Policies and Operations, World Health Organisation.

*Geneva*

**External Referee**

**Prof. Dr. J. Van Camp (Belgium)**
Department of Food Technology, Safety and Health, Research Group Food Chemistry and Human Nutrition. Ghent University

*Ghent*
**Nutrition Third World**

**Annual Report 2017**

**Annex 5: List of abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEDES</td>
<td>Agence Européenne pour le Développement et la Santé</td>
</tr>
<tr>
<td>AERF</td>
<td>Association pour l’Ethique dans la Recherche de fonds</td>
</tr>
<tr>
<td>AUTHéR</td>
<td>Africa Unit for Trans-disciplinary Health Research</td>
</tr>
<tr>
<td>CGIAR</td>
<td>Consultancy Group International Research in Agricultural Research</td>
</tr>
<tr>
<td>GAIN</td>
<td>Global Alliance for Improved Nutrition</td>
</tr>
<tr>
<td>FAO</td>
<td>Food and Agriculture Organisation</td>
</tr>
<tr>
<td>IAEA</td>
<td>International Atomic Energy Agency</td>
</tr>
<tr>
<td>IFPRI</td>
<td>International Food Policy Research Institute</td>
</tr>
<tr>
<td>IMCI</td>
<td>Integrated Management of Childhood Illness</td>
</tr>
<tr>
<td>IRD</td>
<td>Institut de Recherche pour le Développement (ex ORSTOM), France</td>
</tr>
<tr>
<td>IUC</td>
<td>Inter University Cooperation</td>
</tr>
<tr>
<td>IVACG</td>
<td>International Vitamin A Consultative Group</td>
</tr>
<tr>
<td>LCPUFA</td>
<td>Long-chain polyunsaturated fatty acids</td>
</tr>
<tr>
<td>NTW</td>
<td>Nutrition Third World</td>
</tr>
<tr>
<td>ULB</td>
<td>Université Libre de Bruxelles</td>
</tr>
<tr>
<td>UNICEF</td>
<td>United Nations International Children’s Emergency Fund</td>
</tr>
<tr>
<td>VLIR</td>
<td>Vlaamse Interuniversitaire Raad (Flemish Inter-University Council)</td>
</tr>
<tr>
<td>WFP</td>
<td>World Food Program</td>
</tr>
</tbody>
</table>
Annex 6: List of NTW-funded research papers published in international peer-reviewed journals in 2017


